

Title (en)
SUSTAINABLE NONWOVEN TEXTILE

Title (de)
NACHHALTIGER VLIESTOFF

Title (fr)
TEXTILE NON-TISSÉ DURABLE

Publication
EP 4237609 A1 20230906 (EN)

Application
EP 21806577 A 20211020

Priority
• US 202063108203 P 20201030
• US 202063125797 P 20201215
• US 2021055838 W 20211020

Abstract (en)
[origin: US2022136148A1] Aspects of the present disclosure relate to a nonwoven textile that is sustainable and that sustainably manufactured. The subject matter may be sustainable in one or more respects. For example, the nonwoven textile may be manufactured from recycled materials. In other instances, the nonwoven textile is itself recyclable to produce additional or subsequent nonwoven articles. In addition, the manufacturing processes used to make the nonwoven textile may consume less energy than other manufacturing processes.

IPC 8 full level
D04H 1/4274 (2012.01); **A41D 31/14** (2019.01); **B29B 17/00** (2006.01); **B32B 5/02** (2006.01); **B32B 5/26** (2006.01); **D04H 1/435** (2012.01); **D04H 1/46** (2012.01); **D04H 1/74** (2006.01)

CPC (source: EP KR US)
A41D 31/02 (2013.01 - US); **B29B 17/0026** (2013.01 - EP); **B29B 17/04** (2013.01 - EP); **B32B 5/022** (2013.01 - EP KR); **B32B 5/26** (2013.01 - EP); **B32B 5/266** (2021.05 - EP KR); **B32B 7/09** (2019.01 - EP KR); **D04H 1/4274** (2013.01 - EP KR); **D04H 1/435** (2013.01 - EP KR US); **D04H 1/46** (2013.01 - EP KR US); **D04H 1/498** (2013.01 - EP US); **D04H 1/74** (2013.01 - EP KR US); **A41D 2500/10** (2013.01 - US); **A41D 2500/20** (2013.01 - US); **A41D 2500/30** (2013.01 - EP KR US); **A41D 2500/50** (2013.01 - US); **B29B 2017/0089** (2013.01 - EP KR); **B29B 2017/0476** (2013.01 - EP KR); **B29K 2105/12** (2013.01 - EP); **B32B 2262/02** (2013.01 - EP KR); **D10B 2331/04** (2013.01 - US); **D10B 2401/061** (2013.01 - US); **D10B 2401/20** (2013.01 - US); **D10B 2501/00** (2013.01 - US); **Y02W 30/52** (2015.05 - EP); **Y02W 30/62** (2015.05 - EP)

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

Designated validation state (EPC)
KH MA MD TN

DOCDB simple family (publication)
US 2022136148 A1 20220505; CA 3198200 A1 20220505; EP 4237609 A1 20230906; EP 4237609 B1 20240807; EP 4382651 A2 20240612; EP 4382651 A3 20240807; JP 2023549071 A 20231122; KR 20230093327 A 20230627; MX 2023005051 A 20230718; US 2022136151 A1 20220505; US 2022136152 A1 20220505

DOCDB simple family (application)
US 202117513394 A 20211028; CA 3198200 A 20211020; EP 21806577 A 20211020; EP 24171172 A 20211020; JP 2023526081 A 20211020; KR 20237017994 A 20211020; MX 2023005051 A 20211020; US 202117513349 A 20211028; US 202117513519 A 20211028